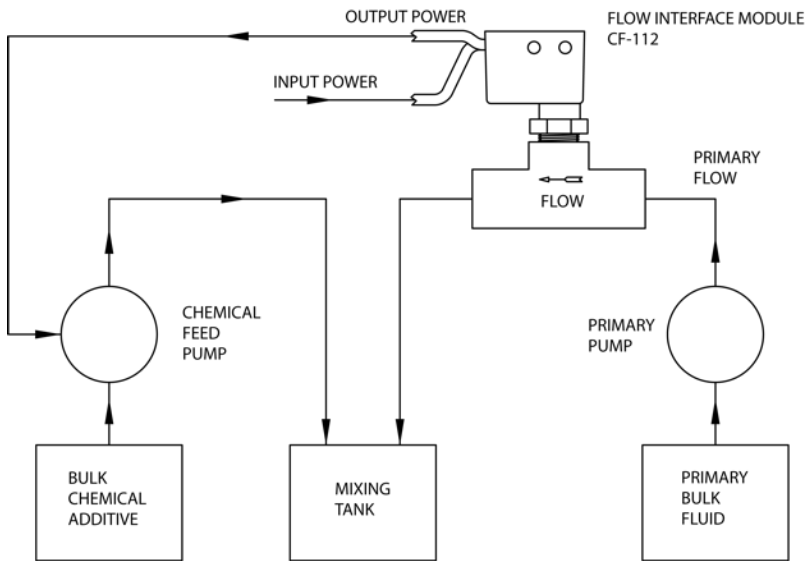


# CHEMICAL FEED PUMP INTERFACE MODULE

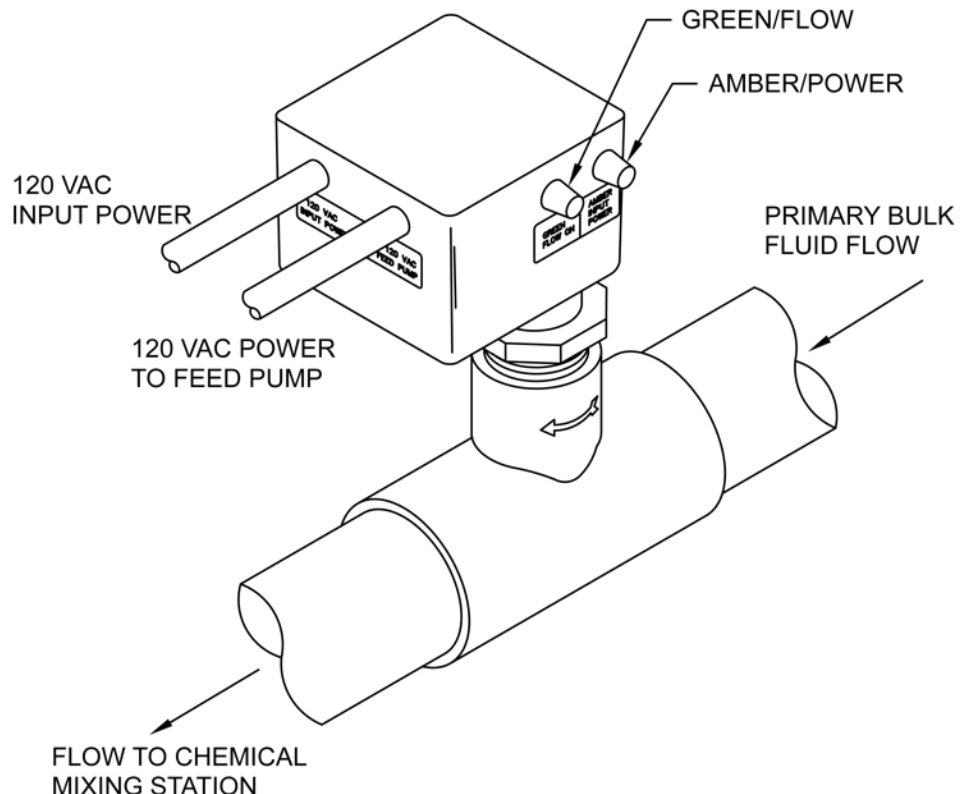
# Model CF-112

STAND ALONE INTERFACE MODULE AUTOMATICALLY ACTUATES A CHEMICAL FEED PUMP WHEN PRIMARY BULK FLUID BEGINS TO FLOW.



CF-112 Module can be used in isolated stand alone systems or as part of large complex systems.

- Ideal for metering chlorine to well water for individual homes, ranches, farms, mines, remote industrial sites.
- Adding chlorine or related chemicals to animal drinking water, e.g. chicken, cattle, pig, and similar drinking water systems.
- All manner of fluid systems involving injection of additives to primary bulk fluids in both continuous and batch systems.
- Adding chemical as required to process waste fluids.
- Adding bactericides to cooling tower makeup water plus ph/orp control.
- Boiler treatment additives.
- Metal plating make up solutions.
- Model CF-112 is available for 120 VAC 50-60 Hz power as standard.
- Feed pump to 1/3 HP.
- DC power combinations available per special order.
- Wetted surfaces are G.E. Noryl® (PPO)/316 Stainless/Epoxy or Fortron® (PPS)/ Hast.® C./Epoxy for superior long term chemical resistance.

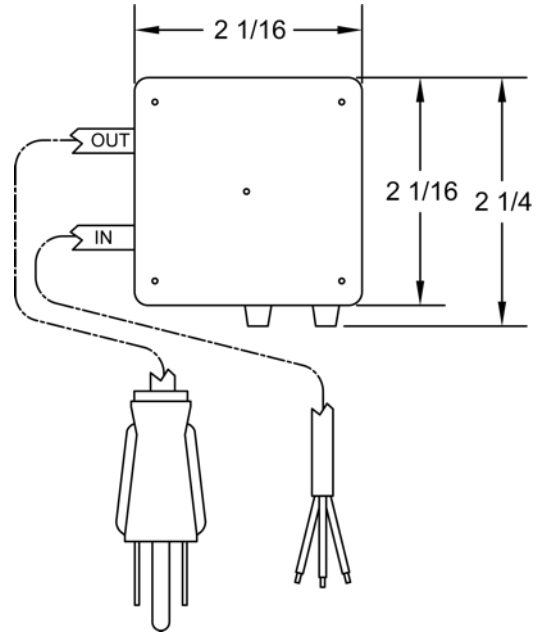
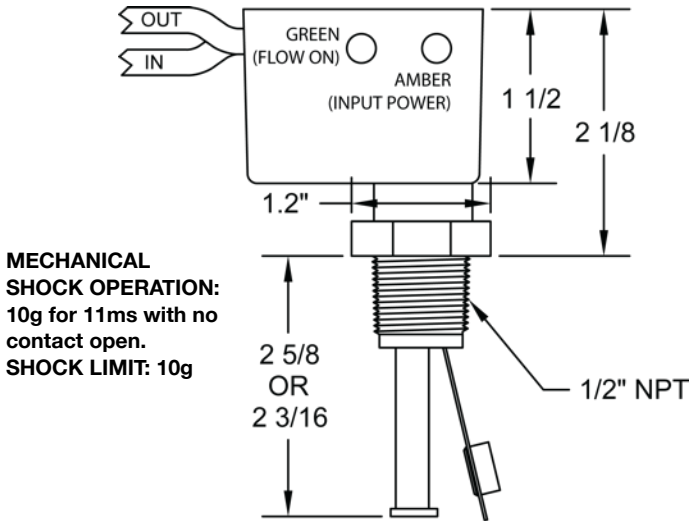


Limited Warranty Page 7

541 Kinetic Drive, Oxnard, CA 93030  
Tel: (805) 988-6800 Fax: (805) 988-6804  
Email: harwil@harwil.com

NOTE: ALL CIRCUITRY POTTED IN FLEXIBLE URETHANE FOR MAX. LONG TERM SHOCK, THERMAL, STRESS, AND MOISTURE PROTECTION.

# Model CF-112



## SPECIFICATIONS:

Flow ON/OFF switch set points water calibrated at 70°F.

Primary Flow Line Size (in.)	Primary Flow On/Off Switch Set Point (GPM)		CF-112 Part Number	
	ON	OFF	Noryl® (PPO) Body	Fortron® (PPS) Body
3/4 FITTED W/ 0.25" ORIFICE	0.4	0.3	CF-112N-1	CF-112CR-1
3/4 (NO ORIFICE)	2.0	1.5	CF-112N-2	CF-112CR-2
1	4	3	CF-112N-3	CF-112CR-3
1.5	13	12	CF-112N-4	CF-112CR-4
2	15	12	CF-112N-5	CF-112CR-5
3	33	25	CF-112N-6	CF-112CR-6
4	56	43	CF-112N-7	CF-112CR-7

Consult factory for larger pipes and lower ON/OFF switch set points.

## Wetted Surfaces

**Model CF-112 N**  
Noryl® (PPO)  
(10% glass fibers)  
316 Stainless Steel  
Epoxy

**Model CF-112CR**  
Fortron® (PPS)  
(40% glass fibers)  
Hastelloy® C  
Epoxy

For performance in your working fluid, see extensive corrosion resistance guide on page 49. **Free parts samples available for testing in your "exotic" unlisted fluids.**

## FEED PUMP MOTOR MAX. CONTACT RATINGS

**VOLTAGE: 120 VAC**  
**LOAD TYPE: RESISTIVE: 10A, MOTOR: 1/3 HP**  
**SWITCH CONTACTS: SPNC OR SPNO**  
**CONSULT FACTORY FOR OTHER AC MOTOR VOLTAGES PLUS DC MOTOR OPERATION.**

## Max. Nominal Operating Temperature/Pressure

**CF-112N:** 180°F @ ambient pressure / 250 Psig @ room temperature  
**CF-112CR:** 200°F @ ambient pressure / 250 Psig @ room temperature

## Sample Part #

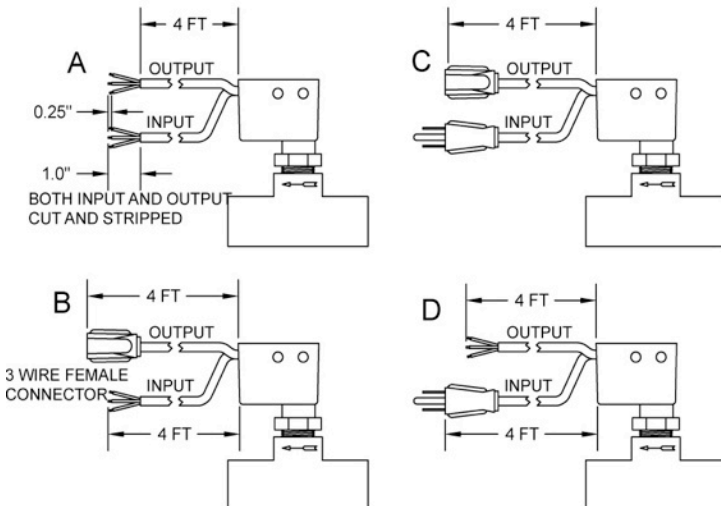
Part number from above table  
For corresponding pipe size.

Input/Output  
Cable Connection  
Configuration

**CF - 112N - 2 - NO - A**

Output Contact Configuration

NO - Normally Open  
NC - Normally Closed



- Installation drawing and a numbered parts list is supplied with each unit.
- Current Price Information is Listed on Separate Sheet.
- Special One Day Delivery Available.